

Marketing Specification

F8Sv Series Notebook PC *A Compact Notebook for Mobile Entertainment*

5 Pages



Processor & Cache

Intel® Core™ 2 Duo Processor T7500/T7300/T7100* (2.2-1.8GHz, 800MHz FSB, 4/2MB L2 Cache)

* Intel's numbering is not a measurement of higher performance.

NOTE: Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.

Operating System

Preinstalled Genuine Windows® Vista™
- Genuine Home Premium
- Genuine Business
- Genuine Ultimate

Chipset

Mobile Intel® PM965 Express Chipset with ICH8M. (800-MHz Front Side Bus)

BIOS

AMI-8MB Flash EPROM, PMU, Plug & Play.

Boot from IDE ODD, HDD, USB FDD, USB ODD, Lan and AI-Flash

Main Memory

Standard	1024-MB or 2048-MB 667-MHz DDRII SDRAM; 2 x SODIMM slots supporting dual channel memory
Maximum	Upgradeable to 4096-MB maximum* (2048-MB SODIMM in slots 1 and 2)
Dual-Channel	DDR2 533/667 DRAM support

NOTE: Vista 32bit standard of memory modules at least 512-MB (and above). If you mix memory speeds, the system will perform at the lower memory speed. Above 3-GB, all memory may not be available due to system resource requirements, only Vista64bit supports 4GB.

Display

Internal	14.1-inch WXGA+ (1440x900 resolution and 16 M colors)
External	Up to 32-bit per pixel color depth VGA port supports resolutions up to 2048 x 1536 at 75 Hz, and lower resolutions at up to 100 Hz

NOTE: Resolutions are dependent upon monitor capability, and resolution and color depth settings.

Graphics & Video Module

NVIDIA GeForce8600M GT (NB8P-GS) with Ext 256MB VRAM, TurboCache up to 1024MB (with 2GB System DRAM)

Display

WXGA+ 1440x900 256/32K/64K/16.7M colors

Multi-Card Reader

8 in 1, Supports SD (Secure Digital), MMC (MultiMedia Card), Memory Stick, Memory Stick Pro, Memory Stick Duo*, Smart Media, xD-Picture card

*NOTE: Memory Stick Duo Adapters are required and sold separately. Inserting a Memory Stick Duo

Card directly into your notebook could damage the memory card and/or notebook.

Hard Disk Drive

160-GB 5400 rpm SMART SATA

120-GB 5400 rpm SMART SATA

80-GB 5400 rpm SMART SATA

NOTE: These hard drives are customer removable and will withstand multiple insertion/removal cycles.

Up to 8 GB is reserved for the system recovery software.

Expansion Card Slots

Express Card slot	Express Card/34 or ExpressCard/54
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Camera

1.3M pixels Swivel CMOS Camera

Keyboard

Desktop-Like Ergonomic Full-Size 87/88key, 3mm Travel with Vista Key.

Others

Hybrid TV Tuner with Remote Control (Optional)



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Optical Storage Device

Interchangeable 5.25" 12.7mm ATAPI 24X/24X/8X/24X DVD+CD- RW Combo module

Network Connectivity

Intel® Wireless WiFi Link 4965AGN supported

Integrated MDC Fax/ Modem (ASUS)

On board 10/100/1000 Mbps Fast Ethernet Controller

Full and Half duplex mode support for 10/100/1K Mbps

Worldwide Regulation, MODEM supported V.92 and Universal PPT (FCC)

Wireless Certification System: TWN, CHN, FCC, European

Interface

Express Card Slot Express	ExpressCard/34 or ExpressCard/54
External Monitor	VGA & DVI
IEEE 1394a Port	One
External Microphone	One
Headphone/Line out	One
Power Connector	One
RJ-11 (Modem)	One
RJ-45 (NIC)	One
Serial Port	None
S-Video TV Out	One (Support for NTSC/PAL)
Infrared Port	One
Parallel Port	None
USB 2.0	Five
TV Antenna Jack	One (Optional)
Docking Connector	None
LED Status Indicators	Seven

LED Status Indicator

Power On/Suspend, Battery Full /Charging/Low, Bluetooth, WLAN enabling

Storage Access, Caps Lock, Number Lock/InstantFun PLUS

Audio

Realtek High Definition CODEC

Integrated Azalia compliant audio chip, with 3D effect & full duplex

Integrated stereo speakers

Integrated microphone

Stereo headphone/ SPDIF

Stereo microphone in

Power Management

Full feature SMI power management, Stand-by, Suspend to Disk, and Suspend to RAM

ACPI 2.0 supported



Battery

Asus 53.28WHrs, 6-cell high capacity (4800mAh) Lithium-Ion Battery Pack

Battery Life

1 hour 50 minutes (Estimated)

NOTE: Battery life will vary depending on the product configuration, product model, applications loaded on the product, power management settings of the product, and the product features used by the customer.

As with all batteries, the maximum capacity of this battery will decrease with time and usage.

Power Supply

External 90-watt AC adapter

Output: 19V DC, 4.7A, 90W

Input: 100~240V AC, 50/60Hz universal

2/3 pin power supply system

Hot Keys

Instant Launch Keys

Power4 Gear +, Bluetooth, WLAN, Splendid, Instant Fun PLUS

Function Keys

Fn+F1	Suspend Switch	Fn+F2	Wireless/Bluetooth switch	Fn+F3	E-mail
Fn+F4	Internet	Fn+F5	Brightness down	Fn+F6	Brightness up
Fn+F7	LCD on/off	Fn+F8	LCD/External Display switch display	Fn+F9	Touch Pad lock
Fn+F10	Volume on/mute	Fn+F11	Volume down	Fn+F12	Volume up
Fn+Ins	Numeric Key Pad on/off	Fn+Del	Scroll Lock on/off	Fn+Space	Power 4 Gear
Fn+C	Splendid	Fn+T	Power 4 phone		
Fn+ ←	Previous section / Previous Track	Fn+ →	Next section / Next Track		

Pointing Device

Built-in Wide 16:9 Touchpad

2 click buttons

Support Pad-Lock Function (Fn+F9 on/off)

Heat Dissipation

35W thermal envelop, High-exchange efficiency copper molding heat sink with heat-pipes (1 Module).

Temperature-controlled cooling fan prevent noise.

Dimensions (WxDxH) 34.0 x 24.4 x 3.72 cm

Weight 2.59 Kg with 6-cell battery

NOTE: Height varies depending upon where on the notebook the measurement is made. Weight varies by configuration and components.

Security

■ Fingerprint Sensor (Optional)

■ Trusted Platform Module (Infienon/Sinosun) solution (Optional)

■ BIOS Booting User Password Protection

■ HDD User Password Protection and Security Lock

■ Kensington Lock hole provided



- Ai-Flash IV
- Ai-Remote
- USB Mouse
- USB Data Transfer Cable Support for Networking and USB 2.0 Data Transfer Speed

Software Utility

- Asus Winflash for BIOS Update
- ASUS Power4 Gear
- HotKey: support instant key function defined
- ASUSDVD (w/ DVD / COMBO / DVD-RW / Dual model)
- ASUS Media@Show (w/ DVD / COMBO / DVD-RW/ S-Multi / Dual model)
- ASUS PowerDirector Pro (w/ DVD / COMBO / DVD-RW / S-Multi / Dual model)
- ASUS Screen Saver
- ASUS Live Update V2
- Net 4 Switch
- ASUS Wireless Console
- Instant Fun PLUS
- Splendid
- ASUS Life frame II
- ASUS Multi-Frame
- ADSM, ASUS Data Security Manager

Shipment bundle S/W:

- ASPM, ASUS Security Protect Manager (Bundle with Fingerprint)
- Norton Internet Security
- Nero

Industry Standard Certifications

UL
CE Marking Compliance
FCC Compliance
BSMI
Australia C-TICK / NZ A-Tick Compliance
Japan VCCI Compliance
MIC
IDA
CCC
GOST-R
CB